Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently amended) A system, comprising:

detection circuitry;

energy delivery circuitry capable of delivering a plurality of cardiac therapies comprising at least a tachycardia therapy, a bradycardia therapy, and an asystole prevention therapy;

therapy instructions stored in the energy delivery circuitry, the therapy instructions executable to direct delivery of the plurality of cardiac therapies;

one or more electrodes configured for subcutaneous, non-intrathoracic placement and for coupling to the detection circuitry and energy delivery circuitry;

detection circuitry configured to receive cardiac signals using the one or more electrodes and detect a tachycardia condition, a bradycardia condition, and an asystole condition using the cardiac signals; and

a controller coupled to the detection circuitry and energy delivery circuitry, the controller, in response to a cardiac condition requiring treatment, executing at least some of the therapy instructions to coordinate ecordinating delivery of a selected one of the tachycardia, bradycardia, and asystole prevention therapies, the asystole prevention therapy being delivered upon detection of the asystole condition.

- 2. (Original) The system of claim 1, wherein the plurality of cardiac therapies comprises a bradycardia pacing therapy.
- 3. (Original) The system of claim 1, wherein the plurality of cardiac therapies comprises a cardiac resynchronization therapy.
- 4. (Original) The system of claim 1, wherein the plurality of cardiac therapies comprises an antitachycardia pacing therapy.

- 5. (Original) The system of claim 1, wherein the plurality of cardiac therapies comprises a defibrillation therapy.
- 6. (Original) The system of claim 1, wherein the plurality of cardiac therapies comprises a rate smoothing pacing therapy.
- 7. (Original) The system of claim 1, wherein the plurality of cardiac therapies comprises a sub-threshold stimulation therapy.
- 8. (Original) The system of claim 1, wherein the one or more electrodes are configured for cardiac pacing and sensing.
- 9. (Withdrawn) The system of claim 1, further comprising a housing within which the detection circuitry, energy delivery circuitry, and controller are situated, wherein the housing is configured for patient-external placement.
- 10. (Withdrawn) The system of claim 9, wherein the housing comprises one or more electrodes coupled to the detection circuitry and energy delivery circuitry.
- 11. (Withdrawn) The system of claim 9, further comprising one or more surface electrodes configured for coupling to the detection circuitry and energy delivery circuitry.
- 12. (Withdrawn) The system of claim 9, further comprising a coupling arrangement configured to couple and de-couple the one or more electrodes to and from the detection circuitry and energy delivery circuitry.
- 13. (Original) The system of claim 1, further comprising a housing within which at least one of the detection circuitry, energy delivery circuitry, and controller is situated, wherein the housing is configured for implantation in a patient.

- 14. (Original) The system of claim 13, wherein the one or more electrodes comprises at least one electrode disposed in or on the housing.
- 15. (Currently amended) The system of claim 1, wherein the asystole prevention therapy delivered by the energy delivery circuitry comprises delivery of pacing pulses at a rate varying between about 2 and about 40 pulses per minute.
- 16. (Currently amended) The system of claim 1, wherein the asystole prevention therapy delivered by the energy delivery circuitry comprises delivery of pacing pulses at a rate insufficient to restore full patient consciousness.
- 17. (Currently amended) The system of claim 1, wherein the asystole prevention therapy delivered by the energy delivery circuitry comprises delivery of pacing pulses at a rate lower than a pacing rate associated with the bradycardia therapy.
- 18. (Original) The system of claim 17, wherein the rate lower than the pacing rate is a fixed rate or a variable rate.
- 19. (Original) The system of claim 1, further comprising a housing within which the detection circuitry, energy delivery circuitry, and controller are situated, wherein the housing is configured for implantation in a patient and the one or more electrodes are disposed in or on the housing to define a unitary structure.
- 20. (Original) The system of claim 19, wherein the housing is configured to have an arcuate shape.
- 21. (Currently amended) A system, comprising:

a housing configured for subcutaneous, non-intrathoracic placement; detection circuitry provided in the housing;

energy delivery circuitry provided in the housing and capable of delivering each of a tachycardia therapy, a bradycardia therapy, and an asystole prevention therapy;

therapy instructions stored in the energy delivery circuitry, the therapy instructions executable to direct delivery of the tachycardia therapy, the bradycardia therapy, and the asystole prevention therapy;

one or more electrodes configured for subcutaneous, non-intrathoracic placement and coupled to the detection circuitry and energy delivery circuitry;

detection circuitry configured to receive cardiac signals using the one or more electrodes and detect a tachycardia condition, a bradycardia condition, and an asystole condition using the cardiac signals; and

a controller provided in the housing and coupled to the detection circuitry and energy delivery circuitry, the controller, in response to a cardiac condition requiring treatment, executing at least some of the therapy instructions to direct delivery of delivering a selected one of the tachycardia, bradycardia, and asystole prevention therapies in response to detection of a corresponding one of the tachycardia condition, the bradycardia condition, and the asystole condition, respectively.

- 22. (Currently amended) The system of claim 21, wherein the plurality of cardiac therapies the bradycardia therapy comprises a bradycardia pacing therapy.
- 23. (Currently amended) The system of claim 21, wherein the <u>therapy instructions are</u> executable to direct delivery of plurality of cardiac therapies comprises a cardiac resynchronization therapy.
- 24. (Currently amended) The system of claim 21, wherein the therapy instructions are executable to direct delivery of plurality of cardiac therapies comprises an antitachycardia pacing therapy.
- 25. (Currently amended) The system of claim 21, wherein the <u>therapy instructions are</u> executable to direct delivery of plurality of cardiac therapies comprises a defibrillation therapy.

- 26. (Currently amended) The system of claim 21, wherein the therapy instructions are executable to direct delivery of plurality of cardiac therapies comprises a rate smoothing pacing therapy.
- 27. (Currently amended) The system of claim 21, wherein the <u>therapy instructions are</u> executable to direct delivery of plurality of cardiac therapies comprises a sub-threshold stimulation therapy.
- 28. (Original) The system of claim 21, wherein the one or more electrodes are configured for cardiac pacing and sensing.
- 29. (Original) The system of claim 21, wherein the one or more electrodes comprises at least one electrode disposed in or on the housing.
- 30. (Original) The system of claim 21, wherein the asystole prevention therapy delivered by the energy delivery circuitry comprises delivery of pacing pulses at a rate insufficient to restore full patient consciousness.
- 31. (Original) The system of claim 21, wherein the asystole prevention therapy delivered by the energy delivery circuitry comprises delivery of pacing pulses at a rate lower than a pacing rate associated with the bradycardia therapy.
- 32. (Original) The system of claim 31, wherein the rate lower than the pacing rate is a fixed rate or a variable rate.
- 33. (Original) The system of claim 21, wherein the one or more electrodes are disposed in or on the housing to define a unitary structure.
- 34. (Original) The system of claim 33, wherein the housing is configured to have an arcuate shape.

- 35. (Original) The system of claim 21, wherein the one or more electrodes comprise at least one subcutaneous, non-intrathoracic electrode array.
- 36. (Original) The system of claim 35, wherein the at least one subcutaneous, non-intrathoracic electrode array is coupled to the housing via a lead.
- 37. (Currently amended) A method, comprising:

sensing cardiac activity from a subcutaneous, non-intrathoracic location;

detecting-a one of a plurality of cardiac conditions, each cardiac condition

necessitating treatment in response to the sensed cardiac activity, the plurality of cardiac conditions comprising a tachycardia condition, a bradycardia condition, and an asystole condition; and

delivering, in response to detecting a corresponding one of the plurality of cardiac conditions, one of a plurality of available cardiac therapies to treat the detected corresponding cardiac condition, the plurality of cardiac therapies comprising at least a tachycardia therapy, a bradycardia therapy, and an asystole prevention therapy.

- 38. (Original) The method of claim 37, wherein the plurality of cardiac therapies comprises a bradycardia pacing therapy.
- 39. (Original) The method of claim 37, wherein the plurality of cardiac therapies comprises a cardiac resynchronization pacing therapy.
- 40. (Original) The method of claim 37, wherein the plurality of cardiac therapies comprises an antitachycardia pacing therapy.
- 41. (Original) The method of claim 37, wherein the plurality of cardiac therapies comprises a defibrillation therapy.
- 42. (Original) The method of claim 37, wherein the plurality of cardiac therapies comprises a rate smoothing pacing therapy.

- 43. (Original) The method of claim 37, wherein the plurality of cardiac therapies comprises a sub-threshold stimulation therapy.
- 44. (Currently amended) The method of claim 37, wherein detecting comprises detecting the <u>one of the plurality of cardiac conditions</u> at a subcutaneous, non-intrathoracic location.
- 45. (Withdrawn) The method of claim 37, wherein detecting comprises detecting the cardiac condition at a patient-external location.
- 46. (Withdrawn) The method of claim 37, wherein energy for the plurality of cardiac therapies is provided from a patient-external source.
- 47. (Original) The method of claim 37, wherein energy for the plurality of cardiac therapies is provided from a subcutaneous, non-intrathoracic source.
- 48. (Original) The method of claim 37, wherein delivering the plurality of cardiac therapies comprises delivering monophasic waveforms.
- 49. (Original) The method of claim 37, wherein delivering the plurality of cardiac therapies comprises delivering multiphasic waveforms.
- 50. (Previously presented) A system, comprising:

means for sensing cardiac activity from a subcutaneous, non-intrathoracic location;

means for detecting a <u>one of a plurality of cardiac conditions</u>, <u>each cardiac condition</u> necessitating treatment in response to the sensed cardiac activity, <u>the plurality of cardiac conditions comprising a tachycardia condition</u>, a <u>bradycardia condition</u>, and an <u>asystole condition</u>; and

means for delivering, in response to detecting a corresponding one of the plurality of cardiac conditions, one of a plurality of cardiac therapies to treat the detected corresponding cardiac condition, the plurality of cardiac therapies comprising at least a tachycardia therapy, a bradycardia therapy, and an asystole prevention therapy, all of which can be delivered by the system.

- 51. (Original) The system of claim 50, wherein the plurality of cardiac therapies comprises a bradycardia pacing therapy.
- 52. (Original) The system of claim 50, wherein the plurality of cardiac therapies comprises a cardiac resynchronization pacing therapy.
- 53. (Original) The system of claim 50, wherein the plurality of cardiac therapies comprises an antitachycardia pacing therapy.
- 54. (Original) The system of claim 50, wherein the plurality of cardiac therapies comprises a defibrillation therapy.
- 55. (Original) The system of claim 50, wherein the plurality of cardiac therapies comprises a rate smoothing pacing therapy.
- 56. (Original) The system of claim 50, wherein the plurality of cardiac therapies comprises a sub-threshold stimulation therapy.
- 57. (Currently amended) The system of claim 50, wherein the detecting means comprises means for detecting the <u>one of the plurality of cardiac conditions</u> at a subcutaneous, non-intrathoracic location.
- 58. (Withdrawn) The system of claim 50, wherein the detecting means comprises means for detecting the cardiac condition at a patient-external location.

- 59. (Withdrawn) The system of claim 50, further comprising means for supplying energy for the plurality of cardiac therapies from a patient-external source.
- 60. (Original) The system of claim 50, further comprising means for supplying energy for the plurality of cardiac therapies from a subcutaneous, non-intrathoracic source.
- 61. (Original) The system of claim 50, wherein the delivering means comprises means for delivering monophasic waveforms.
- 62. (Original) The system of claim 50, wherein the delivering means comprises means for delivering multiphasic waveforms.